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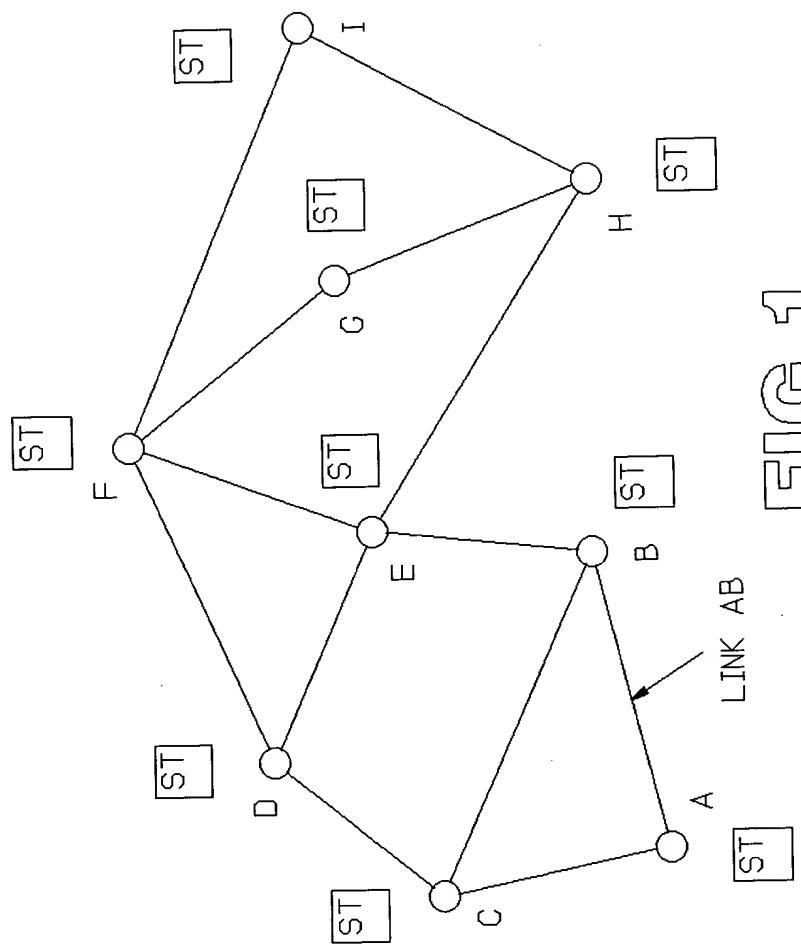


FIG 1

| NODE | LINK | STATUS | RSP |
|------|----------------------|------------------|-------|
| A | AB AC | Y Y | |
| B | BA BC BE | Y Y Y | |
| C | CA CB CD | Y Y Y | |
| D | DC DE DF | Y Y Y | |
| E | EB ED EF EH | Y Y Y Y | RSP_E |
| F | FD FE FC FI | Y Y Y Y | |
| G | GF GH | Y Y | RSP_G |
| H | HE HG HI | Y Y Y | |
| I | IF IH | Y Y | |

FIG 2



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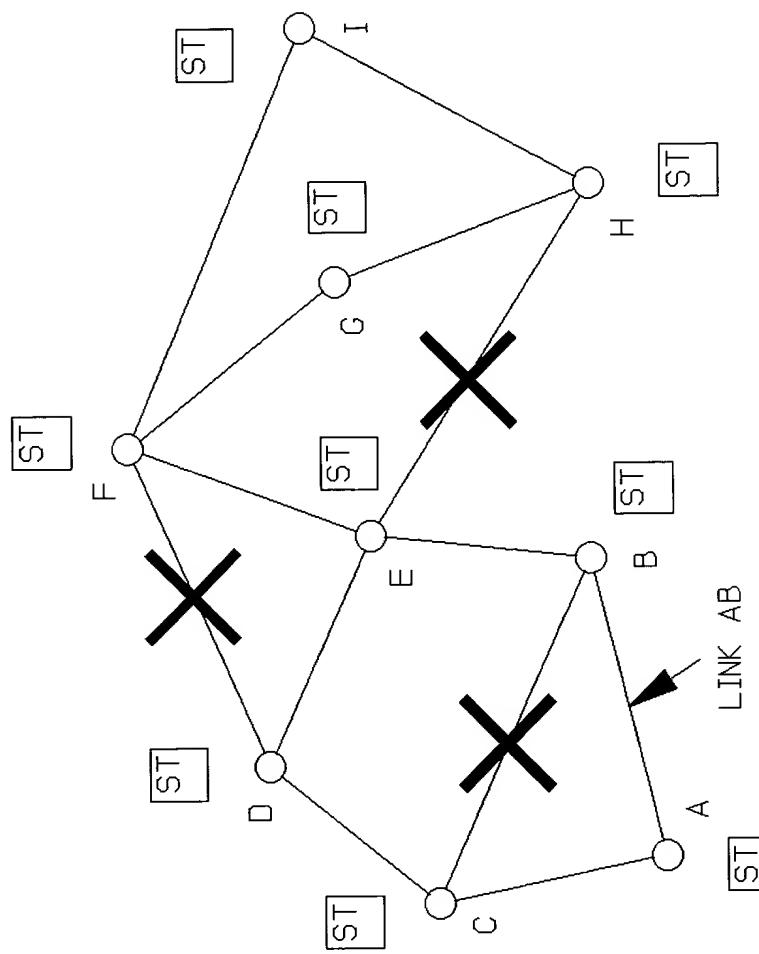


FIG 3

| FLAG | NODE | LINK | STATUS |
|------|------|----------------------|------------------|
| | A | AB AC | Y Y |
| | B | BA BC BE | Y N Y |
| | C | CA CB CD | Y N Y |
| | D | DC DE DF | Y Y N |
| | E | EB ED EF EH | Y Y Y N |
| | F | FD | Y Y Y Y |
| | G | GF GH | Y Y |
| | H | HE HG HI | Y Y Y |
| | I | IF IH | Y Y |

STATUS
TABLE
ST

FIG 4



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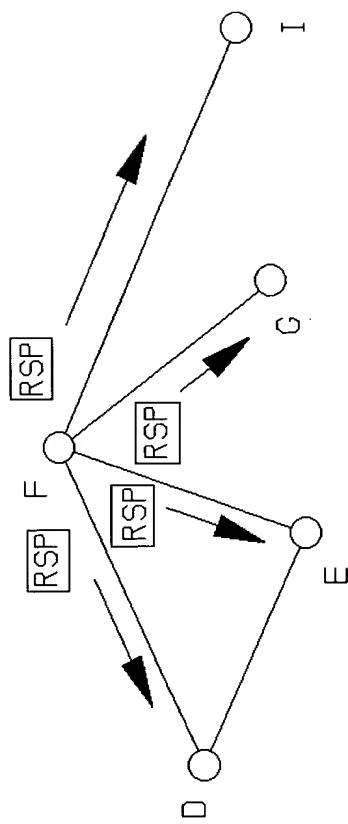


FIG 6

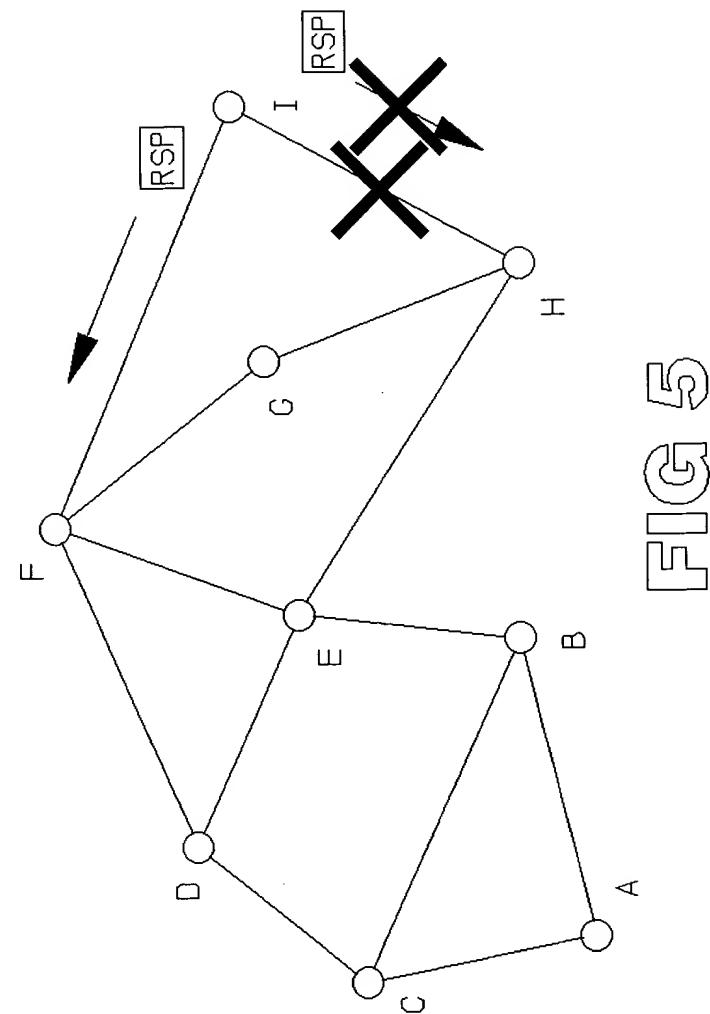


FIG 5



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REPLACEMENT FORMAL DRAWINGS

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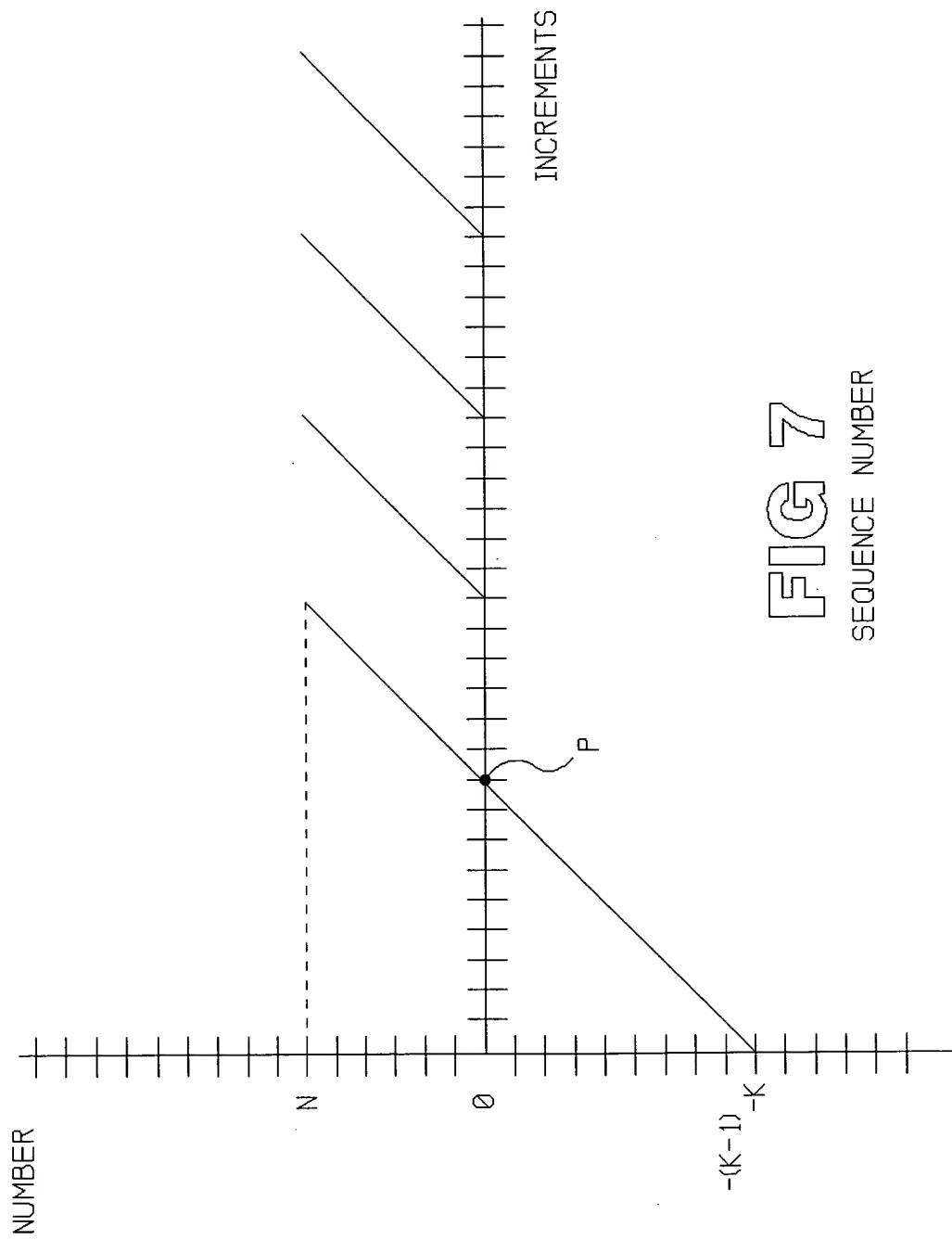


FIG 7

SEQUENCE NUMBER



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| FIG 8A | | INCOMING RSP | STORED RSP | ACTION TAKEN |
|--------------|----|--------------|-----------------|--------------|
| AGE | >0 | 0 | | |
| SEQUENCE No. | | | ACCEPT INCOMING | |
| CONTENT | | | | |

| FIG 8D | | INCOMING RSP | STORED RSP | ACTION TAKEN |
|--------------|--|--------------|--------------|------------------|
| AGE | | | AGE | DISCARD INCOMING |
| SEQUENCE No. | | | SEQUENCE No. | SAME |
| CONTENT | | | CONTENT | DIFF |

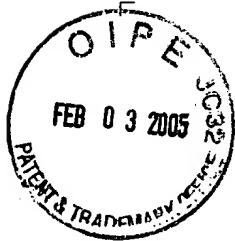
| FIG 8B | | INCOMING RSP | STORED RSP | ACTION TAKEN |
|--------------|----|--------------|-----------------|--------------|
| AGE | | | ACCEPT INCOMING | |
| SEQUENCE No. | >X | X | | |
| CONTENT | | | | |

| FIG 8E | | INCOMING RSP | STORED RSP | ACTION TAKEN |
|--------------|--|--------------|--------------|-----------------|
| AGE | | 0 | | ACCEPT INCOMING |
| SEQUENCE No. | | | SEQUENCE No. | SAME |
| CONTENT | | | CONTENT | |

| FIG 8C | | INCOMING RSP | STORED RSP | ACTION TAKEN |
|--------------|------|--------------|------------------|--------------|
| AGE | SAME | SAME | DISCARD INCOMING | |
| SEQUENCE No. | SAME | SAME | | |
| CONTENT | SAME | SAME | | |

| FIG 8F | | INCOMING RSP | STORED RSP | ACTION TAKEN |
|--------------|--|--------------|------------|---------------------------|
| AGE | | | | DISCARD INCOMING |
| SEQUENCE No. | | | | PROPAGATE COPY FROM TABLE |
| CONTENT | | | | |

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| INCOMING RSP | STORED RSP | ACTION TAKEN |
|--------------------------------|------------|-----------------|
| SEQUENCE No. | | ISSUE FRESH RSP |
| CONTENT | | [FIG 8G] |
| OTHER RECIPIENT WAS ORIGINATOR | | |

| INCOMING RSP | STORED RSP | ACTION TAKEN |
|--|------------|-----------------|
| SEQUENCE No. | | ISSUE FRESH RSP |
| CONTENT | | [FIG 8I] |
| OTHER RECIPIENT WAS ORIGINATOR AND SEQ. NO. OF LAST WAS NEG. | | |

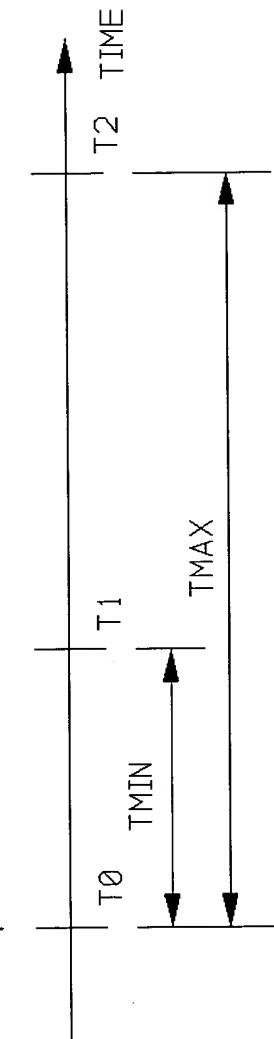
| INCOMING RSP | STORED RSP | ACTION TAKEN |
|--|------------|-----------------|
| SEQUENCE No. | | ISSUE FRESH RSP |
| CONTENT | | [FIG 8H] |
| OTHER RECIPIENT WAS ORIGINATOR AND SEQ. NO. OF LAST WAS NEG. | | |

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REPLACEMENT FORMAL DRAWINGS



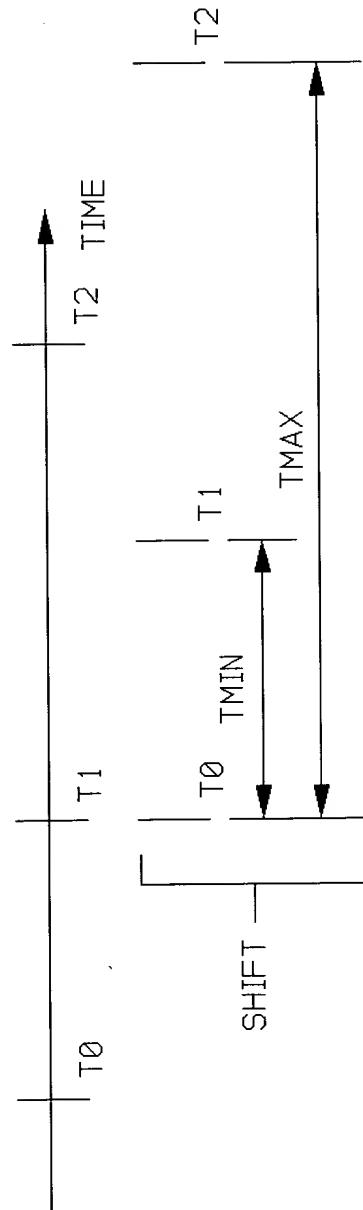
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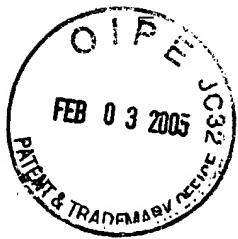
RSP
GENERATION



1. RULE 6A, IF EVENT OCCURS WITHIN TMIN, WAIT UNTIL T1 TO ISSUE RSP, SHIFT T0 TO T1.
2. IF EVENT OCCURS BETWEEN T1 AND T2, ISSUE RSP IMMEDIATELY, SHIFT T0 TO T1.
3. IF NO EVENT OCCURS, ISSUE PERIODIC RSP AT T2.

NEXT
RSP
GENERATION





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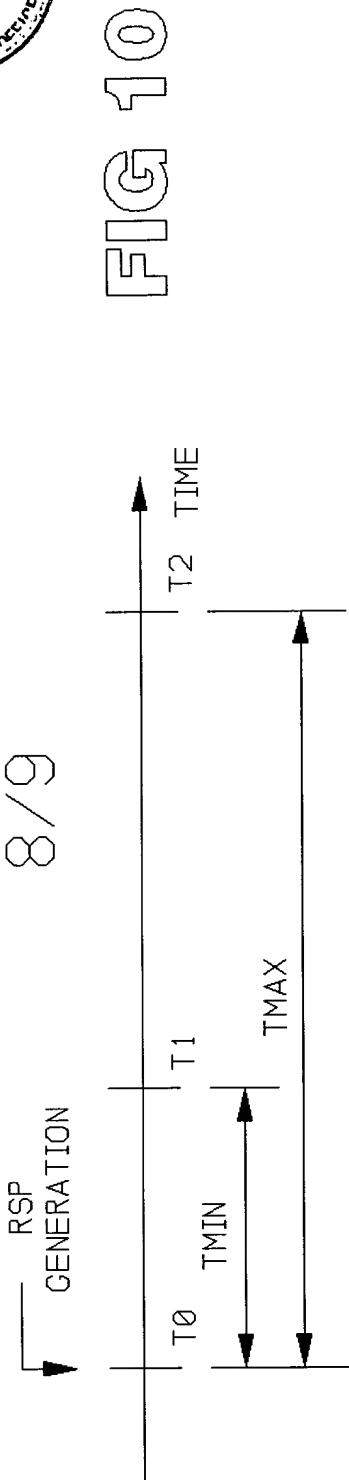
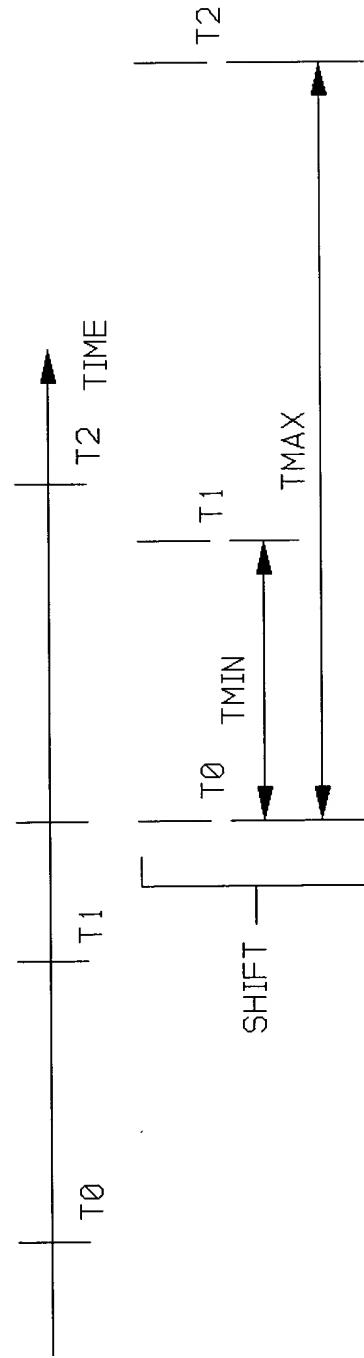
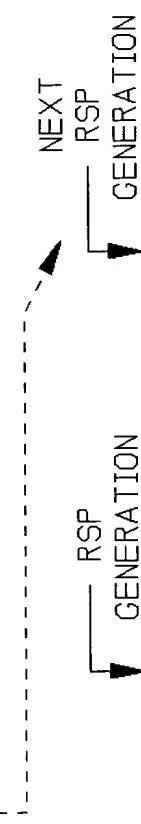


FIG 10

1. IF EVENT OCCURS WITHIN T_{MIN} , WAIT UNTIL T_1 TO ISSUE RSP. SHIFT T_0 TO T_1 .

2. RULE 6B, IF EVENT OCCURS BETWEEN T_1 AND T_2 , ISSUE RSP IMMEDIATELY. SHIFT T_0 TO EVENT.

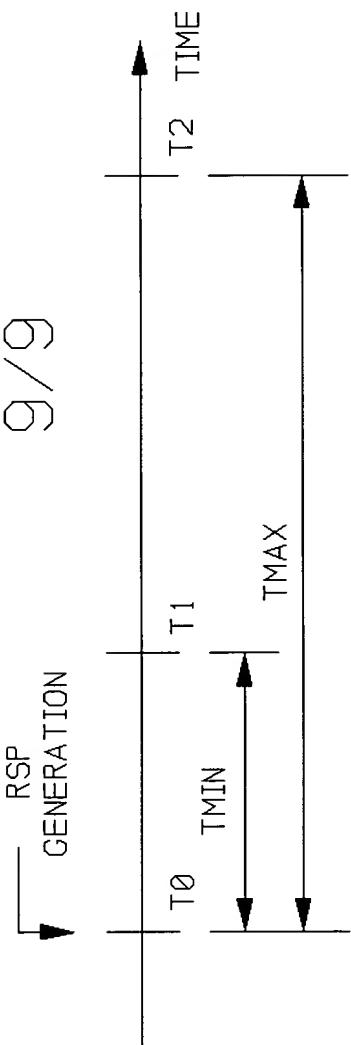
3. IF NO EVENT OCCURS, ISSUE PERIODIC RSP AT T_2 .





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FIG 11



1. IF EVENT OCCURS WITHIN T_{MIN} , WAIT UNTIL T_1 TO ISSUE RSP, SHIFT T_0 TO T_1 .
2. IF EVENT OCCURS BETWEEN T_1 AND T_2 , ISSUE RSP IMMEDIATELY, SHIFT T_0 TO EVENT.
3. RULE 6C, IF NO EVENT OCCURS, ISSUE PERIODIC RSP AT T_2 , SHIFT T_0 TO T_2 .

